IN THE SPECIFICATION

Please amend the third full paragraph of page 15 of the specification as follows:

A test network was constructed on a ceramic substrate approximately 0.9 inch long x 0.3 inch wide x 0.02 inch thick. All resistors were thin film deposited on the ceramic surface. The input signal resistor in this case consisted of 2 resistors, a 9.9 megohm and a 100k ohm to function as a 100:1 voltage divider. The maximum voltage level of measurement for this network was 1000 volts. Without utilizing the present invention, the temperature change of the network was 6 degrees C when 1000 volts was applied to the network. This temperature rise caused an unacceptable change in output voltage of the 100:1 divider. When the present invention was utilized by adding a power ~~feedback~~ resistor, the temperature change was reduced to approximately 0.6 degree C. The network was then designed for use in a precision digital voltmeter. The present invention could have wide-ranging application whenever self-heating from variable input power causes an unacceptable change in resistance.